

REMARKS

Claims 1-22 are pending. Claims 1, 9, 10, and 13 are independent claims.

Applicant has amended FIG. 3 in response to the Examiner's objection. No new matter has been added.

The Examiner uses Brown to reject claims 1-5 and 9-17 as having been anticipated.

Applicant has cancelled claims 10, 11, and 12.

Claim 1 recites "loading two trees of tables, each tree of tables having a large table at a root branching to small tables." Brown neither describes nor suggests at least this quoted claim feature.

The Examiner argues that Brown at col. 5, lines 46-54, col. 12, lines 35-45, FIG. 2B and FIG 10A discloses this quoted claim feature. Applicant respectfully disagrees and suggests that the Examiner has mischaracterized Brown.

Brown discloses a table of trees. This is the exact opposite of applicant's trees of tables. More specifically, Brown discloses:

"The lookup table 100 includes three mappers 106a-c. Each mapper 106a-c includes a separately addressed memory. The route index 102 or a default route index corresponding to the key 104 is stored in a location of one of the mappers 106a-c." (col. 5, lines 31-35).

"FIG. 2B illustrates a binary tree representation of the entries stored in the mappers 106a-c in the lookup table 100 shown in FIG. 2A." (col. 5, lines 46-48).

Accordingly, claim 1 is not anticipated by Brown.

Claim 9 recites "two trees of tables." Claim 13 recites "load two trees of tables." For at least the same reasons as discussed with respect to claim 1, Brown neither describes nor suggests these quoted claim features. Accordingly, claims 9 and 13 are not anticipated by Brown.

The Examiner uses Brown to reject claims 6 and 18 as having been obvious.

Claims 1 and 13 are not rendered obvious by Brown. Claims 6 and 18 depend upon, and further limit, claims 1 and 13, respectively. Accordingly, claims 6 and 18 are not rendered obvious by Brown.

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The Examiner uses Brown and Lipman to reject claims 7, 8 and 19-22 as having been obvious.

Claims 1 and 13 are not rendered obvious by Brown and Lipman. Claims 7, 8 and 19-22, depend upon, and further limit, claims 1 and 13, respectively. Accordingly, claims 7, 8 and 19-22 are not rendered obvious by Brown and Lipman.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

Date:

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